	HEATING DEVICES (CLASS 219	337	Electrode compartment
	SUBCLASS 200)		removable from tank
301	.Borehole type	338	Electrode details
302	With heat exchange fluid	339	.With heat storage means
303	With vapor generator	340	Method
304	Heating element surrounding	341	For fluid heating (e.g., gas or
	delivery pipe		liquid, etc.)
305	Suspended by cable in well	342	For vaporization
306	Plural separate heating devices	343	For subsequent heating by
307	.Combined with nonelectric		radiation
307	heating means (e.g., gas,	344	For subsequent heating by
	etc.)		convection
308	For heating liquid	345	Means to control heating
309	Hot plate		accumulating medium
310	_	346	Heat accumulating medium
311	Oven type		details
_	.Fluid-in-circuit type heater	347	.Convection space heater
312	Method	348	Artificial fire
313	Portable	349	Central heating type
314	Continuous flow of fluid being	350	With air delivery duct
0.1 =	heated	351	Floor furnace type
315	With means to adjust current	352	Baseboard type
	path between electrodes	353	With baffle
316	Responsive to condition of	354	With intermediate heat absorber
	fluid		
317	Movable dielectric means	355	Heated by radiant source
318	Current control means	356	With fan blower
319	With discharge member for line	357	With fluid heat absorber
	or tank	358	By fan blower
320	Tube or pipe forms flow path	359	Wall mounted
321	Pipe forms at least one	360	Forced air type
	electrode	361	Heating attachment for fan
322	With reservoir or tank	362	Fan with heated blades
323	With means to adjust current	363	Wall mounted
	path between electrodes	364	Ceiling mounted
324	Steam or vapor generator	365	Portable
325	Line connected boiler	366	With fan position adjusting
326	Control of electrode		means
	immersion level	367	Multi-direction air outlet
327	By electrode current	368	With baffle
328	By pressure	369	Counterflow
329	With means to adjust current	370	Wall mounted
	path between elctrodes	371	In wall cavity
330	Movable dielectric means	372	Mounted in or on window or door
331	Electrode arrangement	373	Portable
332	Water jet electrode	374	With baffle
333	Manually filled tank or	375	Combined with radiation
-	container	376	With reflector
334	With means to adjust current	377	With heat exchange fluid
	path between electrodes	378	In plural sections
335	With supply interlock means	379	.Concentrated heated air stream
336	Separate electrode		(i.e., blast)
	compartment	380	For drying body part
	Jompar Gmerre	381	Wall mounted
		J 0 1	nall mounted

200		401	
382	With support	421	Elliptical or ellipsoidal
383	Portable		reflector
384	With handle	422	With reflector
385	Pistol-grip type	423	Elongated reflector
386	.Vaporizer	424	Heating element in
387	Method		transparent tubular envelope
388	For metal vapor deposition	425	With exposed radiant heating
389	With crucible		element
390	With disposable evaporant	426	Bowl-shaped reflector
570	cartridge or container	427	Annular heating element
391	By radiant heat source		concentric with reflector axis
392	Wall mounted	428	Linear heating element
393	By light bulb heat source		aligned with reflector axis
394		429	Coiled on core
394	Liquid evaporant (e.g., water,	430	Wall mounted
205	etc.)	431	
395	With wick	431	Collapsible or foldable
396	In continuous flow line	420	reflector
	connected heater	432	Radiant extended surface type
397	Pipe or tube forms flow path		heater
398	With internal heating	433	With exposed radiant heating
	element		element
399	Flash chamber	434	On ceramic support structure
400	In-line connected closed tank	435	With heat radiating panel
	(i.e., pressurized)	436	Wall or ceiling mounted
401	With internal heating element	437	Plural panels
402	In-line connected open tank or	438	Heating element formed as
	container (i.e.,		coating on radiating panel
	nonpressurized)		surface
403	Container with self-contained	439	Nonmetallic panel
	evaporant supply	440	Multi-direction radiant heat
404	Hand-held		output
405	With separate heating chamber	441	.Tank or container type liquid
406	Removable		heater
407	Removable .Radiant heater	442	Pour-in displacement discharge
		112	type tank
408	With filter or diffuser for	443	Flexible container (e.g., water
400	radiant energy	443	bottle, etc.)
409	Hand-held	4.4.4	•
410	With air or gas circulation	444	Portable container or tank
411	Lamp banks (i.e., array of	445	Plural compartments
	plural lamps)	446	With agitator
412	Adjustable lamps position	447	With internally positioned
413	Adjustable individual lamp		heating element
	position	448	Removably inserted through
414	Lamp banks form arch		fill opening
415	Lamp banks movable relative to	449	Line connected tank
	stationary work during use	450	Plural serially connected
416	With chamber		compartments
417		451	With immersion heating element
417	For heating moving strand, web or sheet	451 452	With immersion heating elementWith baffle or guard
	For heating moving strand, web or sheet		
418	For heating moving strand, web or sheetWith support for workpiece	452	With baffle or guardRemovably insertable into
	For heating moving strand, web or sheet	452	With baffle or guard

455	With heating element mounting arrangements	487	With jacket for heating element
456	With heat exchange fluid	488	Pipe or tube forms flow path
457	With protecting means against	489	With jacket for heating
137	galvanic corrosion	105	element
458	With external heater	490	Plural heated line sections
459	Clamped or secured to tank	150	(e.g., series or parallel,
439	wall		etc.)
460	Producing radiation	491	With baffle-defined flow path
461	_	492	Producing counterflow
401	With externally mounted	472	circulation
462	<pre>circulation-type heaterLaterally disposed (i.e.,</pre>	493	Heating element integral
402		493	with baffle
162	side-arm type)	494	Block forms flow path
463	With timer controlled		Plural different fluids
1.6.1	energization	495	
464	Off-peak power	106	simultaneously heated
465	.Continuous flow type fluid	496	With heat exchange fluid
	heater	497	.Immersion heater details
466	Method	498	With thermostatic control means
467	With hot plate	499	Buoyant in liquid
468	Pipeline tracing	500	With plural heating elements
469	Skin effect heater type (e.g.,	501	With particular mounting means
	S.E.C.T., etc.)	502	Having positive temperature
470	Disposable cartridge, tube or		coefficient
	bag forms heated flow path	503	Particular sheath or jacket
	(e.g., blood bag, etc.)		composition
471	Combined liquid flow heater and		
	pump unit		
472	<pre>pump unitFlexibe (e.g., hose, etc.)</pre>		
472 473		FOREIGN	ART COLLECTIONS
	Flexibe (e.g., hose, etc.)	FOREIGN	ART COLLECTIONS
	<pre>Flexibe (e.g., hose, etc.)Fluid heater carried on</pre>	FOREIGN	
473	Flexibe (e.g., hose, etc.)Fluid heater carried on discharge member		ART COLLECTIONS CLASS-RELATED FOREIGN DOCUMENTS
473	Flexibe (e.g., hose, etc.)Fluid heater carried on discharge memberWith flow control valve (e.g.,		
473 474	<pre>Flexibe (e.g., hose, etc.)Fluid heater carried on discharge memberWith flow control valve (e.g., faucet, etc.)</pre>		
473 474	Flexibe (e.g., hose, etc.)Fluid heater carried on discharge memberWith flow control valve (e.g., faucet, etc.)Valve turns heating element		
473 474 475	 Flexibe (e.g., hose, etc.) Fluid heater carried on discharge member With flow control valve (e.g., faucet, etc.) Valve turns heating element on and off 		
473 474 475 476	 Flexibe (e.g., hose, etc.) Fluid heater carried on discharge member With flow control valve (e.g., faucet, etc.) Valve turns heating element on and off Hand-held discharge member 		
473 474 475 476	 Flexibe (e.g., hose, etc.) Fluid heater carried on discharge member With flow control valve (e.g., faucet, etc.) Valve turns heating element on and off Hand-held discharge member With storage container for 		
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